

# EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	197512	kobayashi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:21
S2	52071	nakayama.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:22
S3	51918	tamura.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:22
S4	336247	kim.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:22
S5	5524	(S1 or S2 or S3 or S4) and microscope	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:23
S6	336	(S1 or S2 or S3 or S4) and (scanning near2 probe near2microscope)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:40
S7	1	S6 and upright	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:39
S8	136	upright and (scanning near2 probe near2microscope)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:48
S9	22	upright same (scanning near2 probe near2microscope)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:58
S10	0	hitachi.as. and upright same (scanning near2 probe near2microscope)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:46
S11	0	hitachi.as. and (upright same (scanning near2 probe near2microscope))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:46
S12	775	hitachi.as. and (scanning near2 probe near2microscope)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:46

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S13	39	hitachi.as. and (scanning near2 probe near2microscope) and molecule	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:47
S14	32	upright and (scanning near2 probe near2microscope)and (biomolecule or nucleic or protein or \$6nucleotid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 16:08
S15	749	electric same (scanning near2 probe near2microscope)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 15:58
S16	31715	(scanning near2 probe near2 microscope)or AFM or spm or stm or secmc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 16:02
S17	15906	S16 and electric\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 16:07
S18	1978	S17 and (biomolecule or nucleic or protein or \$6nucleotid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 16:09
S19	82	S18 and upright	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 16:09
S20	82	S17 and upright and (biomolecule or nucleic or protein or \$6nucleotid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/26 16:09


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K Wadu-Mesthrige, NA Amro, JC Garino, S Xu, G Liu - Biophysical Journal, 2001 - Biophysical Soc

 ... 1986. **Atomic force microscope**. Phys. Rev. Lett. ... 1999. Fabrication and imaging of **nanometer-sized protein patterns**. Langmuir. 15:8580-8583. ...

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DJ Muller, FA Schabert, G Buldt, A Engel - Biophysical Journal, 1995 - Biophysical Soc

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TE Fisher, AF Oberhauser, M Carrion-Vazquez, PE ... - Trends Biochem. Sci, 1999 - columbia.edu

 ... allows spatial ma- nipulations of less than a **nanometer** and can ... (b) The saw-tooth **pattern** of peaks ... when force is applied to extend the **protein** corresponds to ...

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HG Hansma, JH Hoh - Annual Review of Biophysics and Biomolecular Structure, 1994 - carleton.ca

 ... INSTRUMENTATION: THE **ATOMIC FORCE MICROSCOPE** ... useful for imaging molecules less than

 a few **nanometers** high ... DNA-**protein** complexes imaged in the AFM include DNA com ...

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**[Nanofabrication of self-assembled monolayers using scanning probe lithography - all 6 versions »](#)**

GY Liu, S Xu, Y Qian - Acc. Chem. Res, 2000 - einstein.sc.mahidol.ac.th

 ... This ability to interactively **pattern** on the **nanometer** scale provides a unique opportunity for studying size-depend- ent properties systematically and ...

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A Noy, AE Miller, JE Klare, BL Weeks, BW Woods, JJ ... - Nano Lett, 2002 - eng.utah.edu

 ... is able to create and visualize **protein patterns** on surfaces ... feature sizes get down to **nanometer** scale ... 3,4 uses an "inked" **atomic force microscope** (AFM) tip ...

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**[Spatially resolved force spectroscopy of biological surfaces using the atomic force microscope - all 8 versions »](#)**

WF Heinz, JH Hoh - Trends Biotechnol, 1999 - hohlab.bs.jhmi.edu

... In air, most samples have several **nanometers** of water ... Examples of **atomic force microscope** (AFM) force curves and the force ... saw-tooth **pattern** can be observed as ...

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J Zlatanova, SM Lindsay, SH Leuba - Prog. Biophys. Mol. Biol, 2000 - cbp.pitt.edu

... **Protein/protein** interactions . ... high lateral resolution (often better than a **nanometer**, which is ... groups on the surface, with the spatial **pattern** of interaction ...

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... atomic force microscopy analysis of matrix **protein** from the ... films with an atomic force microscopy: **pattern** and object formation on the **nanometer** scale. ...

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... of a micrometer-sized streptavidin **pattern**) 18 ... determination of antigenic sites with **nanometer** positional accuracy ... from a densely packed **protein** multilayer (Fig ...

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